

ANNA-40-7-S

~15° spot beam with 7 optics

SPECIFICATION:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

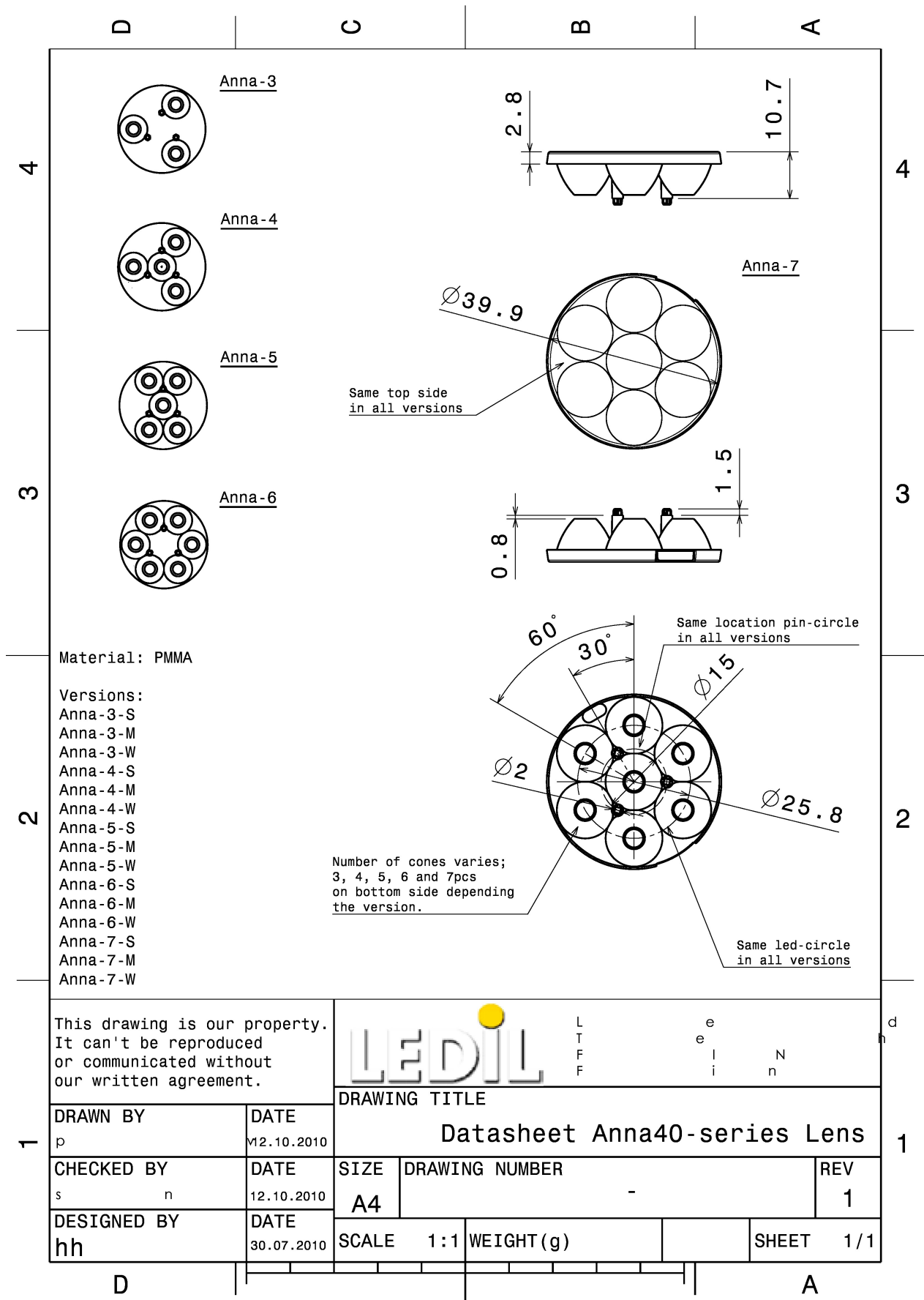


MATERIALS:

Component	Type	Material	Colour	Finish
ANNA-40-7-S	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11716_ANNA-40-7-S » Box size: 480 x 280 x 300 mm	760	120	40	8.3

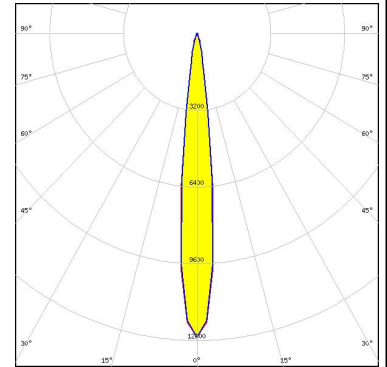


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

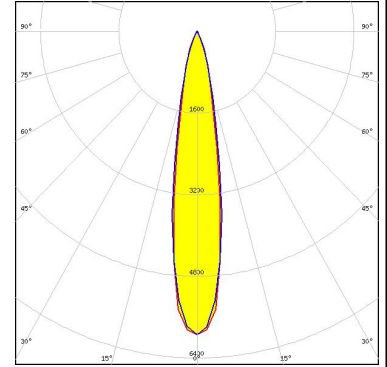
CREE LED

LED XP-E
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 93 %
 Peak intensity 12.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



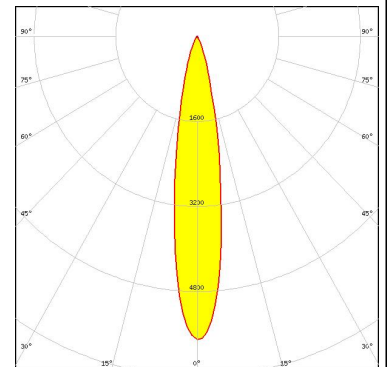
CREE LED

LED XP-G
 FWHM / FWTM 18.0° / 39.0°
 Efficiency 93 %
 Peak intensity 5.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



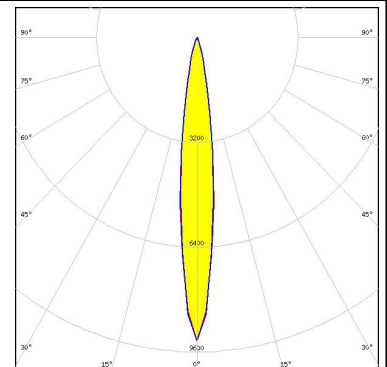
LUMILEDS

LED LUXEON A
 FWHM / FWTM 19.0° / 40.0°
 Efficiency 87 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

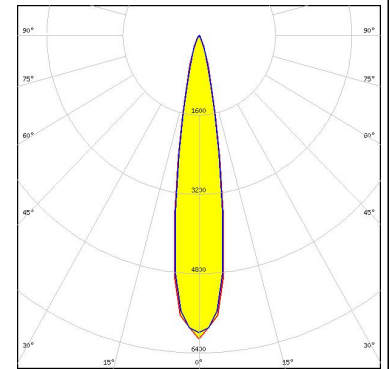
LED LUXEON Rebel
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 92 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
FWHM / FWTM 18.0° / 36.0°
Efficiency 93 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

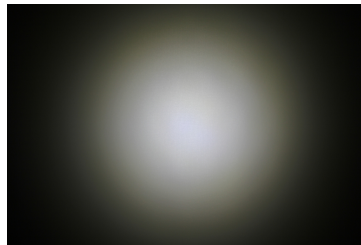


NICHIA

LED NCSxx19A
FWHM / FWTM 16.0° / 35.0°
Efficiency 91 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

LED NF2x757G
FWHM / FWTM 18.0° / 42.0°
Efficiency 88 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

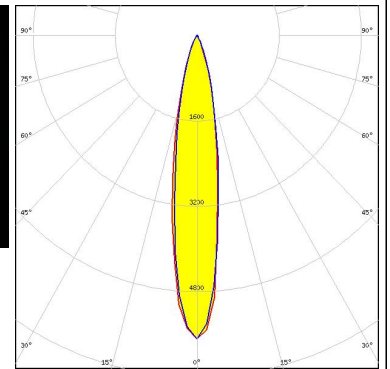
LED NVSxx19A
FWHM / FWTM 19.0° / 42.0°
Efficiency 91 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

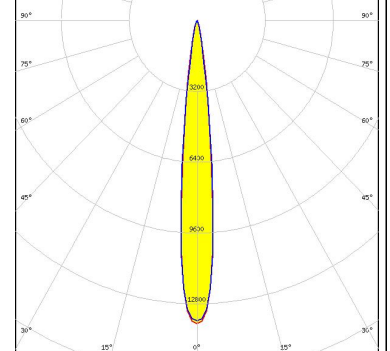
LED Duris S5 (2 chip)
 FWHM / FWTM 18.0° / 41.0°
 Efficiency 90 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

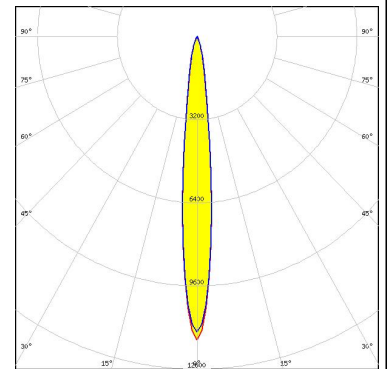
LED OSLOM SSL 150
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 90 %
 Peak intensity 13.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

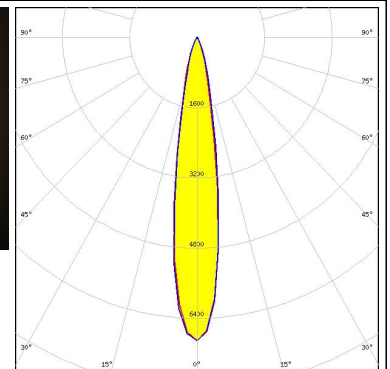
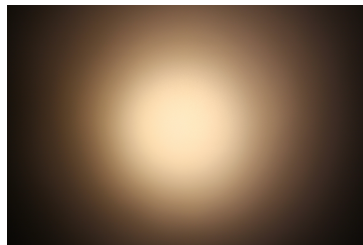
Opto Semiconductors

LED OSLOM SSL 80
 FWHM / FWTM 11.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

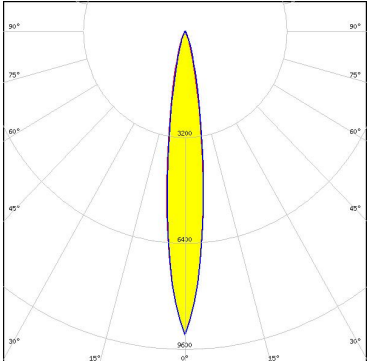
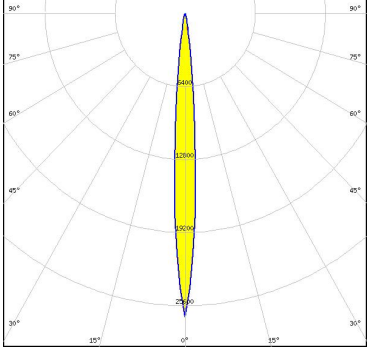

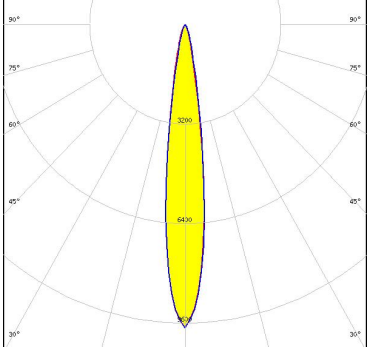


SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 91 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED J Series 2835 FWHM / FWTM 14.0° / 32.0° Efficiency 97 % Peak intensity 9.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON CZ FWHM / FWTM 8.0° / 18.0° Efficiency 96 % Peak intensity 26.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON T FWHM / FWTM 17.0° / 32.0° Efficiency 92 % Peak intensity 7.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 15.0° / 29.0° Efficiency 94 % Peak intensity 9.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	12.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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